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TOWNSEND AND TOWNSEND AND CREW, LLP
TWO EMBARCADERO CENTER
EIGHTH FLOOR
SAN FRANCISCO, CA 94111-3834

EXAMINER

MYINT, DENNIS Y

ART UNIT PAPER NUMBER

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Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/661,052	Applicant(s) EROL ET AL.	
	Examiner Dennis Myint	Art Unit 2162	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 12 September 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-83 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-83 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 12 September 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date <u>12 September 2003</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Claims 1-83 have been examined.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claim 1-5, 7-16, 18-21, 31-72, and 74-83 are rejected under 35 U.S.C. 102(e) as being anticipated by Lin (U.S. Patent Application Publication Number 2004/0205477).

As per claim 1, Lin is directed to a method and system for performing an action, the method comprising:

accessing recorded information ("multimedia object") (Lin, Paragraph 0027-0028, i.e. "When the plurality of bitstreams 15 are replayed...", and Figure 1A "multimedia object unit" 15A);

determining a source document using the recorded information (Lin, Paragraph 0028, i.e. "For example, Fig. 1D shows a replayed slide *corresponding* to the captured image of the real-time slide presentation");

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determining if a criterion is satisfied based on the recorded information and the source document (Lin, Paragraph 0028-0028, i.e. "Synchronization of the overlaid replayable bitstreams...");

determining an action to be performed if the criterion is satisfied (Lin, Paragraph 0028-0030); and

performing the action if it is determined that the criterion is satisfied (Lin, Paragraph 0029-0031, i.e. "when the multimedia data object is replayed using a computer controllable display screen and an audio device.....").

As per claim 2, Lin is directed to the method of claim 1, wherein the information in the recorded information comprises an image of information outputted from the source document (Lin, Paragraph 0027, i.e. "image data" and Figure 2 "Image Data").

As per claim 3, Lin is directed to the method of claim 2, wherein determining the source document comprises comparing an image in the source document with the image of information outputted from the source document to determine if the image in the source document matches the image of information outputted from the source document (Lin, Paragraph 0028, i.e. "For example, Fig. 1D shows a replayed slide *corresponding* to the captured image of the real-time slide presentation").

As per claim 4, Lin is directed to the method of claim 1, wherein the information from the source document comprises an image (Lin, Paragraph 0027, "image data", Paragraph 0028, "image data", and Paragraph 0033 "image signal").

As per claim 5, Lin is directed to the method of claim 4, wherein performing the action comprises performing the action using the image (Lin, Paragraph 0029-0031, "image data").

As per claim 7, Lin is directed to the method of claim 1, wherein determining if the criterion is satisfied comprises:

associating information from the recorded information with the information in the source document (Lin , Paragraph 0056, i.e. "the bitstreams are linked so as to make the multimedia data object browsable using a browsing interface so as to allow selection and viewing of individual slides within the slide presentation..." and Line Paragraph 0025); and

associating the information in the source document with information for the criterion (Lin , Paragraph 0056, i.e. "the bitstreams are linked so as to make the multimedia data object browsable using a browsing interface so as to allow selection. and viewing of individual slides within the slide presentation..." and Lin, Paragraph . 0025).

As per claim 8, Lin is directed to the method of claim 1, wherein information for the criterion and action associated with the criterion is associated with the source document (Lin Paragraph 0025, 0028, 0029, 0031 and 0033).

As per claim 9, Lin is directed to the method of claim 8, wherein the information associated with the source document is embedded in the source document (Lin, Paragraph 0025).

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As per claim 10, Lin is directed to the method of claim 1, wherein the recorded information comprises information identifying the information in the source document that has been outputted (Lin, Paragraph 0025, 0027, 0033 and 0035).

As per claim 11, Lin is directed to the method claim 1, wherein the recorded information comprises an identifier, wherein the identifier is used to determine the information in the source document (Lin Paragraph 0025-0028).

Claim 12, 13, 14, 15, 16, 18, 19, 20, and 21 are rejected on the same basis as claim 1, 2, 4, 7, 5, 8, 9, 10, and 11 respectively.

Claim 31, 32, 33, 34, 35, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 74, 75, 76, 77, 78, 79, 80, 81, 82, and 83 are rejected on the same basis as claim 1, 2, 3, 4, 5, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 1, 2, 3, 7, 8, 9, 10, 11, 12, 13, 14, 15, 18, 19, 20, 21, 22, 224, 27, 28, 29, and 30 respectively.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein

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were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

3. Claim 6, 17, 22-29, 36, and 73 are rejected under 35 U.S.C. 103(a) as being unpatentable over Lin in view of Boegelund et al. (U.S. Patent Application Publication Number 2003/0101043).

Referring to claim 6, Lin teaches the method of claim 4 but does not explicitly disclose that images are translated from one language to another language. However, Boegelund et al. teaches a method and system for translating slide presentations into different languages, wherein texts in presentation slides are translated from one language to another and displayed (Boegelund et al., Paragraph 0042 and Figure 4, i.e. "the text is then translated to the new language." and Paragraph 0047).

At the time the invention was made, it would have been obvious to a person of ordinary skill in the to combine the method and system for translating presentation slides from one language to another as taught by Boegelund et al. with the system and method of Lin so that the combined method and system would constitute the method of claim 4, wherein performing the action comprises communicating a translated image of the image to a device (Boegelund et al., Paragraph 0042 and 0047 and Lin, Paragraph 0029-0031, i.e. "when the multimedia data object is replayed using a computer

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controllable display screen and an audio device....."). One would have been motivated to do so in order to "have a method that can translate presentation slide information from one language to a second language in an efficient and accurate and cost-effective manner" (Boegelund et al., Paragraph 0014).

Claim 17 is rejected on the same basis as claim 6.

Referring to claim 22, Lin in view of Boegelund et al. as applied above with regard to claim 6 discloses the invention as claimed. Lin in view of Boegelund et al. is directed to a method for determining translated slides (Boegelund et al., Paragraph 0042 and Figure 4, i.e. "the text is then translated to the new language.") of source document slides in a source document, the method comprising:

accessing recorded information ("multimedia object") (Lin, Paragraph 0027-0028, i.e. "When the plurality of bitstreams 15 are replayed...", and Figure 1A "multimedia object unit" 15A);

determining a source document slide in the source document using the recorded information (Lin, Paragraph 0028, i.e. "For example, Fig. 1D shows a replayed slide *corresponding* to the captured image of the real-time slide presentation");

determining a translated slide of the source document slide (Boegelund et al., Paragraph 0042 and Figure 4, i.e. "the text is then translated to the new language." and Lin, Paragraph 0028-0028, i.e. "Synchronization of the overlaid replayable bitstreams..."); and

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communicating the translated slide to a device (Lin, Paragraph 0029-0031, i.e. “when the multimedia data object is replayed using a computer controllable display screen and an audio device.....”).

Referring to claim 23, Lin in view of Boegelund et al. as applied above with regard to claim 6 discloses the invention as claimed. Lin in view of Boegelund et al. is directed the method of claim 22, wherein determining the translated slide comprises translating text of the source document slide to generate the translated slide (Boegelund et al., Paragraph 0042 and Figure 4, i.e. “the text is then translated to the new language.” and Lin, Paragraph 0028-0028, i.e. “Synchronization of the overlaid replayable bitstreams...”).

Referring to claim 24, Lin in view of Boegelund et al. as applied above with regard to claim 6 discloses the invention as claimed. Lin in view of Boegelund et al. is directed the method of claim 22, wherein determining the translated slide comprises:

determining a storage location of the translated slide (Boegelund et al. Paragraph 0048, i.e. “ storage and retrieval”); and

retrieving the translated slide from the storage location (Boegelund et al. Paragraph 0048, i.e. “ storage and retrieval”).

Referring to claim 25, Lin in view of Boegelund et al. as applied above with regard to claim 6 discloses the invention as claimed. Lin in view of Boegelund et al. is directed the method of claim 22, wherein communicating the translated slide to a device comprises causing the translated slide to be displayed on the device (Lin, Paragraph

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0029-0031, i.e. "when the multimedia data object is replayed using a computer controllable display screen and an audio device.....").

Referring to claim 26, Lin in view of Boegelund et al. as applied above with regard to claim 6 discloses the invention as claimed. Lin in view of Boegelund et al. is directed the method of claim 22, wherein communicating the translated slide to a device comprises storing the translated slide (Lin, Paragraph 0029-0031, i.e. "when the multimedia data object is replayed using a computer controllable display screen and an audio device.....").

Referring to claim 27, Lin in view of Boegelund et al. as applied above with regard to claim 6 discloses the invention as claimed. Lin in view of Boegelund et al. is directed the method of claim 22, wherein the recorded information comprises an image of an outputted source document slide (Lin, Paragraph 0025, 0027, 0033 and 0035).

Referring to claim 28, Lin in view of Boegelund et al. as applied above with regard to claim 27 discloses the invention as claimed. Lin in view of Boegelund et al. is directed the method of claim 27, wherein determining the source document slide comprises comparing the image of the outputted source document slide to information in the source document slide to determine if the image of the outputted source document matches the information in the source document slide (Lin, Paragraph 0028, i.e. "For example, Fig. 1D shows a replayed slide *corresponding* to the captured image of the real-time slide presentation").

Referring to claim 29, Lin in view of Boegelund et al. as applied above with regard to claim 27 discloses the invention as claimed. Lin in view of Boegelund et al. is

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directed the method of claim 27, wherein the recorded information comprises information indicating that the source document slide in the source document has been outputted (Lin, Paragraph 0025-0028 and 0033-0036).

Claim 36 and 73 are rejected on the same basis as claim 6.

4. Claim 30 is rejected under 35 U.S.C. 103(a) as being unpatentable over Lin in view of Boegelund et al. and further in view of Smith (U.S. Patent Application Publication Number 2004/0205601).

Referring to claim 30, Lin in view of Boegelund et al. as applied to claim 27 above does not explicitly recite that slide number is used to determine the source document slide. However, Smith teaches a method and system for identifying, classifying, extracting and resolving hidden data in slides, wherein slide numbers are used to determine slides in a source document (Smith Paragraph 0073).

At the time the invention was made, it would have been obvious to a person of ordinary skill in the art to add the feature of employing slide number to identify/determine slides in a source document as taught by Smith to the method and system of Lin in view of Boegelund et al. so that, in the resultant method and system, the recorded information would comprise a slide number, wherein the slide number is used to determine the source document slide. One would have been motivated to do so simply because slide numbers are used in the art to identify slides and that has been a well-known method in the art.

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Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dennis Myint whose telephone number is (571) 272-5629. The examiner can normally be reached on 8:30AM-5:30PM Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Breene can be reached on (571) 272-4107. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Dennis Myint

AU-2162

CLAIMS:

BG

John E. Breene

JOHN BREENE
SUPERVISOR
TECHNOLOGY CENTER